

"Made available under NASA sponsorship
in the interest of early and wide dis-
semination of Earth Resources Survey
Program information and without liability
for any use made thereof."



Dartmouth College HANOVER · NEW HAMPSHIRE · 03755

Department of Geography

(E73-10506) LAND USE IN NORTHERN

4 May 1973 MEGALOPOLIS Progress Report (Dartmouth
Coll.) 2 p HC \$3.00 CSCL 08F

N73-2228

Unclas
G3/13 00506

TO: ERTS Project Scientist, Code 650)
Attention: Dr. William Nordberg)

ERTS Scientific Monitor, Code 644)
Attention: Dr. Louis S. Walter)

ERTS Technical Officer, Code 480) Goddard Space Flight Center
Attention: Mr. Edmund F. Szajna) Greenbelt, Maryland 20771

ERTS Contracting Office, Code 245)
Attention: Mr. John C. Blum)

Mr. J. H. Boeckel, Code 430 (2 copies))

NASA Scientific and Technical Information Facility
Attn: Earth Resources
P.O. Box 33
College Park, Maryland 20740

SUBJECT: Type I Progress Report No. 6 on Contract No. NAS 5-21749 (Land Use
in Northern Megalopolis) (GFSC ID No. UN235)

NOTE: The reporting period for this report is only one month, in order to get
back on schedule after the late submission of the preceding report,
No. 5.

1. Accomplishments

- a. The land use map of the three states which comprise northern megalopolis - Massachusetts, Connecticut and Rhode Island -- has been completed in color-coded form. Loading of the computer with the land use data for the 1/4-square-kilometer data points is well under way.
- b. Accomplishments for the next reporting period: The end of the next reporting period will coincide with the end of the contract period. Hopefully the final report will be in the final stages by that time.

2. List of Articles, Reports and Talks


- a. Simpson, Robert B., David T. Lindgren and David J. Ruml, "Uses of ERTS in Geography: Land Use". Paper read at the annual meeting of the Association of American Geographers, Atlanta, 17 April, by Simpson.
- b. Lindgren, David T., Robert S. Yuill and Robert B. Simpson, "Creation of a Land Use Map and Computer Data Base from High-Altitude Aerial Photography: The New Haven Area". Paper read at the annual meeting of the Association of American Geographers, Atlanta, 17 April, by David J. Ruml.

E7.3 1 0.5 0 6.
C R - 131544

3. Data Request Forms Submitted

23 April 1973: A request for digital tapes of one New England scene was submitted. The March symposium at New Carrollton convinced this investigator that the data recoverable from ERTS can be very high by starting independently with tapes. The problem, of course, is access to the facilities to process them.

(NOTE: This investigator recently received a Sig-5 printout covering the Standing Order of USER 885, rather than his own U-235, apparently in error).



Robert B. Simpson
Principal Investigator